目　录

江苏电子信息职业学院

国际经济与贸易专业人才培养方案

（适用于 2022 级留学生）

专业代码：620303L

执笔人	顾建华、孙宝凤
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所属学院	商学院、国际教育学院
制定时间	2022 年 3 月

一、专业名称（专业代码）

国际经济与贸易专业（620303L）

二、入学要求

高中阶段教育毕业生或具有同等学力者（国际教育标准分类法（ISCED2011））

三、修业年限

3 年

四、专业培养目标

本专业培养具有良好职业道德和专业实践能力，具备一定的汉语听、说、读、写能力，具备较为扎实的汉语言交际能力，并对中国文化有一定程度的认识和了解，能够通过 HSK 四级考试或达到相应水平，具备开展专业课学习的一定汉语基础，了解中国文化、企业文化，主要面向外经贸行业，培养能适应外贸业务员、外贸单证员、跨境电商操作专员等工作需要，具有较强的进出口业务实践能力和基本的跨境电子商务操作能力，具有国际视野、创新创业意识、精深专业技能和良好职业素养，可持续发展的高素质、高技能人才。

五、人才培养规格

（一）知识目标

1. 掌握汉语拼音，掌握基本标准的发音和语调；

2. 能正确读写汉语常用字，能辨析基本词性、同义词和近义词等；

3. 掌握 1000 个最常用的词汇以及与词汇相关的语法知识 ；

4. 了解一定的中国国情和社会文化；

5. 熟练掌握和运用 Windows 操作系统，并精通 Office 等办公自动化系列软件；

6. 领会经济学、国际贸易理论等专业基础知识；

7. 掌握国际贸易领域商务函电处理、外贸单证制作知识；

8. 掌握国际贸易领域的国际贸易实务、国际商务谈判、国际市场营销等方面的专业知识。

（二）能力目标

1. 能够运用现代汉语进行日常交际，能阅读本专业汉语资料；

2. 能使用电脑进行中文输入、编辑及办公自动化操作；

3. 具有通过中文网络、文献等不同途径获取信息并进行信息处理的能力；

4. 能够运用英语通过书面、口头的方式与进行进出口业务洽谈；

5. 能够熟练地、准确地缮制进出口业务单证；

6. 能够掌握开拓国际市场的各种方法，制定国际市场营销策略和规划；

7. 能够系统地掌握国际贸易法律法规，规避潜在的国际贸易风险；

8. 具有较强的口头和书面表达能力、人际沟通能力、团队协作能力；

9. 具有制定、完成进出口贸易工作计划的能力；

10. 具有独立解决外贸突发事件的能力。

（三）素质目标

1. 具有健全的心理素质和健康的体魄，有较强的社会适应性；

2.具有团队合作、沟通协调、人际交往能力；

3.具有一定的自我控制、管理及评价能力；

4.了解当代中国经济、政治、文化和社会发展，能够参与并促进中国与其所在国之间相关领域友好交流与合作；

5.具备良好的国际经济与贸易业务处理、必要的国际贸易组织管理等素质；

6.能够坚守职业操守，具有较强的职业生涯管理能力；

7.具备国际贸易相关的社会交往与适应、学习与创新等职业素质。

六、课程体系及计划安排

见附表：课程体系及教学计划安排表

七、开课学时、学分构成

表 1 学时、学分构成表

课程类型	学分	学分百分比	学时	其中实践学时
通识课程	77	49%	1236	654
专业平台课程	26	17%	416	170
专业技术课程	43	28%	688	512
个性化学习课程	10	6%	160	42
总　计	**156**	100%	2500	1378

八、实施条件

（一）实践教学条件

序号	实验实训室名称	功　能	面积、设备、台套基本配置要求
1	商务谈判实训室	开展外贸业务模拟谈判	100 平方米，50 台电脑，1 台教师机，1 台投影仪
2	报关综合实训室	开展报关流程实训	100 平方米，海关模拟及报关软件

			平台，50 台电脑，1 台教师机，1 台投影仪
3	外贸综合实训室	开展外贸单证及函电综合实训	100 平方米，外贸单证软件，50 台电脑，1 台教师机，1 台投影仪
4	跨境电商实训室	开展跨境电商实训	100 平方米，跨境电商模拟平台，50 台电脑，1 台教师机，1 台投影仪

（二）师资队伍

1. 具有一定的英语基础，能够满足双语授课的能力；

2. 具备良好的双师素质，具有相关专业职业资格证书或者企业工作经历；

3. 具有较丰富的职业教育经验，特别是适用于留学生学习特点的任务驱动、角色扮演、小组讨论等教学方法的运用；

4. 具备良好的职业道德和沟通协调能力。

（三）教学资源建设要求

1. 内容符合课程大纲要求，教学目标明确，取材核实；符合任职规律，逻辑性强，有利于学生知识和能力的构建；媒体资源使用恰当，互动性好；

2. 教材内容要体现项目导向、任务驱动教学模式的思想，理论知识能满足完成工作任务的需求；

3. 理论授课资源尽量采用案例等形式，以便于实施启发引导的教学方法。

九、毕业条件

1. 取得汉语 HSK4 证书；

2. 修满 140 学分；

3. 达到全国计算机等级考试（一级）考核标准。

附表：课程体系及教学计划安排表

课程性质	序号	课程名称	课程代码	学分	总学时	学时分布		学分分布						备注
						理论	实践	1	2	3	4	5	6	
	一	通识课程		77	1236	582	654	22	24	14	14	0	0	
必修	1	入学教育与认知实训	060101S0	3	52	0	52	2W						
	2	汉语视听说	060102Z0	2	32	16	16				2			
	3	实用汉语Ⅰ	060103Z1	2	32	16	16	2						
	4	实用汉语Ⅱ	060103Z2	2	32	16	16		2					
	5	汉语听说Ⅰ	060104Z1	6	96	48	48	6						
	6	汉语听说Ⅱ	060104Z2	6	96	48	48		6					
	7	汉语听说Ⅲ	060104Z3	4	64	32	32			4				
	8	中国文化体验	060105Z0	2	32	16	16	2						
	9	汉语综合Ⅰ	060106Z1	4	64	32	32	4						
	10	汉语综合Ⅱ	060106Z2	4	64	32	32		4					
	11	汉语综合Ⅲ	060106Z3	4	64	32	32			4				
	12	汉语综合Ⅳ	060106Z4	4	64	32	32				4			
	13	汉语读写Ⅰ	060107Z1	2	32	16	16			2				
	14	汉语读写Ⅱ	060107Z2	2	32	16	16				2			
	15	HSK 训练A	060108Z1	6	96	48	48	6						
	16	HSK 训练B	060108Z2	6	96	48	48		6					
	17	HSK 训练Ⅲ	060108Z3	4	64	32	32			4				

序号	课程名称	课程代码	学分	总学时	讲课	实践	一	二	三	四	五	六	备注
18	HSK 训练Ⅳ	060108Z4	4	64	32	32				4			
19	中国概况	060109L0	2	32	32	0		2					
20	中国书法	060110Z0	2	32	16	16				2			
21	大学体育Ⅰ	000301Z1	2	32	4	28	2						
22	大学体育Ⅱ	000301Z2	2	32	4	28		2					
23	信息技术基础	030100Z0	2	32	14	18		2					
在总学分、总学时中所占比例（%）			49%	49%									
二	专业平台课程		26	416	246	170	0	0	12	12	4	0	
1	经济学基础与应用	050101Z0	2	32	16	16			4				
2	商务礼仪	054003Z0	2	32	16	16			2				
3	管理学基础	050102L0	2	32	22	10			2				
4	商务英语口语	057002Z（1-3）	6	96	48	48			2	2	2		
5	商务英语视听	057003Z（1-3）	6	96	48	48			2	2	2		
6	国际贸易实务	052003Z0	4	64	54	10				4			
7	国际市场营销	054005ZA	4	64	42	22				4			
在总学分、总学时中所占比例（%）			17%	17%									
三	专业技术课程		43	688	176	512	0	0	0	0	14	8	
1	外贸基础	052001L0	4	64	24	40					4		
2	国际贸易实务实训	051026S0	3	52	0	52					2W		
3	进出口商品归类	056003L	4	64	32	32					4		
4	外贸单证实务	052004Z0	4	64	24	40					4		
5	国际商务函电	057011Z0	4	64	32	32						4	

	6	跨境电商实务	052015Z0	4	64	32	32						4	
	7	毕业论文实训	052014S0	3	52	0	52						2W	
	8	国际贸易从业技能综合实训	052013S0	3	52	0	52					2W		
	9	国际商务谈判	052005L0	2	32	32	0					2		
	10	毕业设计（论文）	JW0301B0	12	180	0	180						12W	
	在总学分、总学时中所占比例（%）			28%	28%									
选修	四	个性化学习课程		10	160	118	42	0	0	0	0	2	8	
	1	国际货运代理	053005Z0	4	64	32	32						4	至少6学分
	2	国际企业管理	050102L0	2	32	22	10						2	
	3	国际贸易地理	056001_L	2	32	32	0					2		
	4	职业人文/就业指导	000101L0	2	32	32	0						2	
	在总学分、总学时中所占比例（%）			6%	6%									
总合计				156	2500	1122	1378	22	24	26	26	20	16	

Jiangsu Vocational College of Electronics and Information

Students Cultivation Plan

for International Economics and Trade Profession

（For Grade 2022 International Students）

Profession Code：620303L

Written by	GU Jian-hua, SUN Baofeng
Translated by	SUN Bao-feng
Verified by	WAN Yu-long, LIAN Dong-chang
School Name	School of Business, School of International Education
Formulation Date	March 2022

1. Profession (Code)

International Economics and Trade Profession（620303L）

2. College Entrance Requirements

Senior high school graduates or equivalent（International Standard Classification of Education（ISCED2011））

3. Years of Study

Three years

4. Professional Training Objectives

The profession objective is to cultivate the students with professional ethics, professional practice ability, Chinese listening, speaking, reading, writing and translating ability, relatively solid Chinese language communication ability, and to make the students have a certain degree of understanding of Chinese culture, pass HSK level 4 examination or reach the corresponding level, have certain Chinese foundation for professional course learning, and understand Chinese culture and corporate culture. The profession is mainly aimed at foreign trade and cultivates high-quality and high-skilled students of sustainable development who can meet the work needs of foreign trade operators, foreign trade documenters, cross-border e-commerce operators, etc., have strong import and export business practice ability and basic cross-border e-commerce operation ability, have international vision, innovation and entrepreneurship awareness, profound professional skills and good professional quality.

5. Students Training Specification

5.1 Knowledge Objectives

5.1.1 To master Chinese pinyin and standard pronunciation and intonation;

5.1.2 To be able to read and write common Chinese characters correctly, and be able to discriminate basic parts of speech, synonyms and synonyms, etc.;

5.1.3 To master about 1000 most commonly used vocabulary and grammar knowledge related to vocabulary;

5.1.4 To understand certain national conditions and social culture of China;

5.1.5 To be able to use Windows operating system and Office software, etc.;

5.1.6 To understand economics, international trade theory and other basic professional knowledge;

5.1.7 To master the knowledge of business correspondence processing and foreign trade document making in the field of international trade;

5.1.8 To master the professional knowledge of international trade practice, international business negotiation and international marketing in the field of international trade.

5.2 Capability Objectives

5.2.1 To be able to use modern Chinese for daily communication and read the professional Chinese materials;

5.2.2 To be able to use computer for Chinese input, editing and office automation operation;

5.2.3 To have the ability to acquire and process information through different channels such as Chinese network and literature;

5.2.4 To be able to use English to conduct import and export business negotiation in written and oral form;

5.2.5 To be able to skillfully and accurately prepare import and

export business documents;

5.2.6 To be able to master various methods of opening up international market and formulate international marketing strategies and plans;

5.2.7 To be able to systematically master international trade laws and regulations and avoid potential international trade risks;

5.2.8 To be able to adhere to professional ethics and have strong career management ability;

5.2.9 To have strong oral and written expression ability, interpersonal communication ability and team cooperation ability;

5.2.10 To have strong ability of development and innovation;

5.2.11 To have the ability to formulate and complete the work plan of import and export trade;

5.2.12 To have the ability to solve foreign trade emergencies independently.

5.3 Quality Objectives

5.3.1 To enable the students to have sound psychological quality, healthy physique and strong social adaptability;

5.3.2 To enable the students to have team cooperation, communication and coordination, interpersonal communication skills;

5.3.3 To enable the students to have certain ability of self-control, management and evaluation;

5.3.4 To enable the students to understand the economic, political, cultural and social development of contemporary China, and be able to participate in and promote friendly exchanges and cooperation between China and their host countries in relevant fields.

5.3.5 To have qualities of good international economics and trade business processing, necessary international trade organization management and others;

5.3.6 To have the professional qualities of international trade-related social interaction and adaptation, learning and innovation.

6. Curriculum System and Schedule

As per table attached: Curriculum System and Teaching Schedule

7. Class Periods and Credit Composition

Table 1 Periods, Credits Composition

Course Type	Credits	Percentage (Credits)	Periods	Periods for Practice
General Courses	77	49%	1236	654
Profession Platform Courses	26	17%	416	170
Professional and Technical Courses	43	28%	688	512
Personalized Learning Courses	10	6%	160	42
In Total	156	100%	2500	1378

8. Implementation Conditions

8.1 Practical Teaching Conditions

No.	Name of Lab and Training Room	Functions	Size, Equipment and Basic Configuration Requirements of Sets
1	Business Negotiation Training Room	To carry out simulation negotiation of foreign trade business	100 square meters, 50 students computers, 1 teacher computer, 1 projector
2	Comprehensive Training Room of Customs Declaration	To carry out customs declaration process training	100 square meters, customs simulation and customs declaration software platform, 50 students computers, 1 teacher computer, 1 projector
3	Comprehensive Training Room of Foreign Trade	To carry out the comprehensive training of foreign trade documents and correspondence	100 square meters, foreign trade documents software, 50 students computers, 1 teacher computer, 1 projector
4	Cross Border E-Commerce Training Room	To carry out cross-border e-commerce training	100 square meters, cross-border e-commerce simulation platform, 50 students computers, 1 teacher computer, 1 projector

8.2 Faculty

8.2.1 Having a certain English foundation, and having the ability of bilingual teaching;

8.2.2 Having good quality of "double teachers" specializing in both theory and practice, and having professional qualification certificate or work experience;

8.2.3 Having rich experience in vocational education, especially the application of teaching methods such as task driving, role playing, group discussion, etc.;

8.2.4 Having professional ethics and communication skills.

8.3 Requirements for the Construction of Teaching Resources

8.3.1 The content conforms to the requirements of the curriculum outline. The teaching objectives are clear, and the materials are verified. The content also conforms to the rules of employment, and has strong logic, which is conducive to the construction of students' knowledge and ability. The use of media resources should be appropriate and interactive;

8.3.2 The content of the textbook reflects the idea of project oriented and task driven teaching mode, and the online course platform has abundant online resources;

8.3.3 Theoretical teaching resources are in the form of cases to facilitate the implementation of the teaching methods of inspiration and guidance.

9. Graduation Conditions

9.1 At least HSK (Hanyu Shuiping Kaoshi) Certificate of level 4;

9.2 At least 140 credits;

9.3 To reach the national computer grade examination (Level 1) assessment standard.

Attached Table: Curriculum System and Teaching Schedule

Course Nature	No.	Course Name	Course Code	Credits	Total Periods	Periods Arrangement		Credits Arrangement						Teaching Method	Remarks
						Theory	Practice	1	2	3	4	5	6		
	I	**General Courses**		**77**	**1236**	**582**	**654**		**22**	**24**	**14**	**14**	**0**		
Compulsory	1	College Entrance Education and Cognitive Training	060101S0	3	52	0	52	2W						Practice	Bilingual
	2	Audiovisual Chinese	060102Z0	2	32	16	16				2			Theory & Practice	Bilingual
	3	Practical Chinese I	060103Z1	2	32	16	16	2						Theory & Practice	Bilingual
	4	Practical Chinese II	060103Z2	2	32	16	16		2					Theory & Practice	Bilingual
	5	Chinese Listening and Speaking I	060104Z1	6	96	48	48	6						Theory & Practice	Bilingual
	6	Chinese Listening and Speaking II	060104Z2	6	96	48	48		6					Theory & Practice	Bilingual
	7	Chinese Listening and Speaking III	060104Z3	4	64	32	32			4				Theory & Practice	Bilingual
	8	Chinese Culture Experience	060105Z0	2	32	16	16	2						Theory & Practice	Bilingual
	9	Chinese Synthesis I	060106Z1	4	64	32	32	4						Theory & Practice	Bilingual
	10	Chinese Synthesis II	060106Z2	4	64	32	32		4					Theory & Practice	Bilingual
	11	Chinese Synthesis III	060106Z3	4	64	32	32			4				Theory & Practice	Bilingual
	12	Chinese Synthesis IV	060106Z4	4	64	32	32				4			Theory & Practice	Bilingual
	13	Chinese Reading and Writing I	060107Z1	2	32	16	16			2				Theory & Practice	Bilingual

No.	Course Name	Course Code	Credits	Periods	Theory	Practice	1	2	3	4	5	6	7	8	Teaching Method	Language
14	Chinese Reading and Writing II	060107Z2	2	32	16	16				2					Theory & Practice	Bilingual
15	HSK Training A	060108Z1	6	96	48	48	6								Theory & Practice	Bilingual
16	HSK Training B	060108Z2	6	96	48	48		6							Theory & Practice	Bilingual
17	HSK Training III	060108Z3	4	64	32	32			4						Theory & Practice	Bilingual
18	HSK Training IV	060108Z4	4	64	32	32				4					Theory & Practice	Bilingual
19	Introduction to China	060109L0	2	32	32	0		2							Theory	Bilingual
20	Chinese Calligraphy	060110Z0	2	32	16	16				2					Theory & Practice	Bilingual
21	College Physical Education I	000301Z1	2	32	4	28	2								Theory & Practice	Bilingual
22	College Physical Education II	000301Z2	2	32	4	28		2							Theory & Practice	Bilingual
23	Basis of Information Technology	030100Z0	2	32	14	18		2							Theory & Practice	Bilingual
	Percentage (%) of Total Credits and Periods		49%	49%												
II	**Profession Platform Courses**		**26**	**416**	**246**	**170**	**0**	**0**	**12**	**12**	**4**	**0**				
1	Economics Basis and Application	050101Z0	2	32	16	16			4						Lecturing	
2	Business Etiquette	054003Z0	2	32	16	16			2						Lecturing	
3	Fundamentals of Management	050102L0	2	32	22	10			2						Lecturing	
4	Business Spoken English	057002Z（1-3）	6	96	48	48			2	2	2				Theory & Practice	
5	Business English Viewing & Listening	057003Z（1-3）	6	96	48	48			2	2	2				Theory & Practice	
6	International Trade Practice	052003Z0	4	64	54	10			4						Theory & Practice	

No.	Course	Code	Credits	Periods	Theory	Practice							Method	Notes
7	International Marketing	054005ZA	4	64	42	22					4		Lecturing	
Percentage (%) of Total Credits and Periods			17%	17%										
III	**Professional and Technical Courses**		**43**	**688**	**176**	**512**	**0**	**0**	**0**	**0**	**14**	**8**		
1	Foreign Trade Basis	052001L0	4	64	24	40					4		Theory & Practice	
2	International Trade Practice Training	051026S0	3	52	0	52					2W		Theory & Practice	
3	Classification of Import and Export Commodities	056003L	4	64	32	32					4		Lecturing	
4	Practice of Foreign Trade Documents	052004Z0	4	64	24	40					4		Theory & Practice	Bilingual
5	International Business Correspondence	057011Z0	4	64	32	32						4	Lecturing	
6	Practice of Cross-Border Electronic Commerce	052015Z0	4	64	32	32						4	Theory & Practice	
7	Graduation Thesis Practical Training	052014S0	3	52	0	52						2W	Theory & Practice	
8	Integrated Practical Training of Employment Skills in International Trade	052013S0	3	52	0	52					2W		Theory & Practice	
9	International Business Negotiation	052005L0	2	32	32	0					2		Lecturing	
10	Graduation Project (Thesis)	JW0301B0	12	180	0	180						12W		
Percentage (%) of Total Credits and Periods			28%	28%										
IV	**Personalized Learning Courses**		**10**	**160**	**118**	**42**	**0**	**0**	**0**	**0**	**2**	**8**		
1	International Freight Forwarder	053005Z0	4	64	32	32						4	Theory & Practice	At least 6 credits

	No.	Subject	Code	Credits	Periods	Theory	Practice	S1	S2	S3	S4	S5	S6	Method	
	2	International Business Management	050102L0	2	32	22	10						2	Theory & Practice	
	3	Geography of International Trade	056001_L	2	32	32	0					2		Lecturing	
	4	Vocational Humanistic/Careers Guidance	000101L0	2	32	32	0						2	Lecturing	
	Percentage (%) of Total Credits and Periods			6%	6%										
	In Total			**156**	**2500**	**1122**	**1378**	**22**	**24**	**26**	**26**	**20**	**16**		

江苏电子信息职业学院

计算机应用技术专业人才培养方案

（适用于 2022 级留学生）

专业代码：610201L

执笔人	刘长荣、孙宝凤
审核人	于正永、廉东昌
所属学院	计算机与通信学院、国际教育学院
制定时间	2022 年 3 月

一、专业名称（专业代码）

计算机应用技术专业（610201L）

二、入学要求

高中阶段教育毕业生或具有同等学力者（国际教育标准分类法（ISCED2011））

三、修业年限

3 年

四、专业培养目标

本专业培养具有良好职业道德和专业实践能力，具备一定的汉语听、说、读、写能力，具备较为扎实的汉语言交际能力，并对中国文化有一定程度的认识和了解，能够通过 HSK 四级考试或达到相应水平，具备开展专业课学习的一定汉语基础，掌握本专业知识和技术技能，面向企事业单位信息技术服务部门的信息系统运维、PC系统运维以及服务器运维工程技术人员等职业群，能够从事网站编辑与运维、数据库管理与运维、PC 运维、网络设备运维、服务器运维等工作的高素质技术技能人才。

五、人才培养规格

（一）知识目标

1. 掌握汉语拼音，掌握基本标准的发音和语调；

2. 能正确读写汉语常用字，能辨析基本词性、同义词和近义词等；

3. 掌握 1000 个最常用的词汇以及与词汇相关的语法知识 ；

4. 了解一定的中国国情和社会文化；

5. 熟练掌握和运用 Windows 操作系统，并精通 Office 等办公自

动化系列软件；

6. 掌握静态动态网页的基础知识,静态动态网页制作与设计以及网站后台开发流程、开发方法；

7. 掌握图形图像处理的基本知识,图形设计与美化相关知识；

8. 掌握数据库的基本概念,数据库维护和管理相关知识；

9. 掌握计算机硬件组装与调试技术和方法；

10. 掌握计算机软件系统安装与调试技术和方法；

11. 掌握中小型企业局域网搭建、管理与维护的知识；

12. 掌握 Linux 服务器运维相关知识。

（二）能力目标

1. 能够运用现代汉语进行日常交际，能阅读本专业汉语资料；

2. 能使用电脑进行中文输入、编辑及办公自动化操作；

3. 具有通过中文网络、文献等不同途径获取信息并进行信息处理的能力；

4. 具有良好的沟通表达能力和团队协作能力；

5. 具有熟练的计算机硬件维护与维修能力；

6. 具有服务器软硬件系统维护能力；

7. 具有网络设备安装与运维能力；

8. 具有中小型企业局域网搭建、管理与维护的能力；

9. 具有数据及数据库维护、备份与恢复能力；

10. 具有 Web 网站规划与管理能力；

11. 具有 Linux 服务器运维管理能力；

12. 具有 IT 产品销售、服务能力；

13. 具有工程实践能力：包括人员管理、时间管理、技术管理、流程管理等能力。

（三）素质目标

1. 具有健全的心理素质和健康的体魄，有较强的社会适应性；

2. 具有团队合作、沟通协调、人际交往能力；

3. 具有一定的自我控制、管理及评价能力；

4. 了解当代中国经济、政治、文化和社会发展，能够参与并促进中国与其所在国之间相关领域友好交流与合作；

5. 具有质量意识、环保意识、安全意识、信息素养、工匠精神、创新思维；

6. 勇于奋斗、乐观向上，具有自我管理能力、职业生涯规划的意识，有较强的集体意识和团队合作精神。

六、课程体系及计划安排

见附表：课程体系及教学计划安排表

七、开课学时、学分构成

表 1 学时、学分构成表

课程类型	学分	学分百分比	学时	其中实践学时
公共基础课	77	51.68%	1236	654
专业（群）基础课程	26	17.45%	420	182
专业（方向）课程	34	22.82%	552	322
毕业设计	12	8.05%	180	180
总 计	149	100.00%	2388	1338

八、实施条件

（一）实践教学条件

序号	实验实训室名称	功 能	面积、设备、台套基本配置要求

1	计算机拆装实验室	支持计算机拆装与维护实训教学,以及计算机组装与维护,数据备份与恢复技术课程的实践教学	计算机设备 45 台,维修设备 25 套
2	联想综合实训室	支持笔记本拆装与维护实训教学,支持服务器硬件技术等实践教学	各种型号笔记本 20 台,服务器 2 台,维修工具 20 套,投影仪,白板
3	网络工程实训室	满足服务器硬件技术,Linux 系统管理,网络设备安装与配置课程及实训教学	服务器 1 台以上,电脑 45 台,路由设备 10 个以上,交换机 20 个,ADSL 路由器 2 个
4	综合布线实训室	满足综合布线课程与实训教学	演示平台 2 套,综合布线设备 25 套

（二）师资队伍

1. 具有一定的英语基础，能够满足双语授课的能力；

2. 具备良好的双师素质，具有相关专业职业资格证书或者企业工作经历；

3. 具有较丰富的职业教育经验，特别是适用于留学生学习特点的任务驱动、角色扮演、小组讨论等教学方法的运用；

4. 具备良好的职业道德和沟通协调能力。

（三）教学资源建设要求

1. 内容符合课程大纲要求，教学目标明确，取材核实；符合任职规律，逻辑性强，有利于学生知识和能力的构建；媒体资源使用恰当，互动性好；

2. 教材内容要体现项目导向、任务驱动教学模式的思想，理论知识能完成工作任务为依据；

3. 理论授课资源尽量采用案例等形式，以便于实施启发引导的教学方法。

九、毕业条件

1. 取得汉语 HSK4 证书；

2. 修满 140 学分；

3. 达到全国计算机等级考试（一级）考核标准。

附表：课程体系及教学计划安排表

2019 级计算机应用技术专业课程库

课程模块	课程性质	课程代码	开设课程名称	课程类型	学分	学时	理论	实践	考核方式	1 19周	2 19周	3 19周	4 19周	5 19周	6 19周	备注
公共基础课	必修课程	060101S0	入学教育与认知实训	C 类	3	52	0	52		2W						
		060102Z0	汉语视听说	B 类	2	32	16	16					2			
		060103Z1	实用汉语Ⅰ	B 类	2	32	16	16		2						
		060103Z2	实用汉语Ⅱ	B 类	2	32	16	16			2					
		060104Z1	汉语听说Ⅰ	B 类	6	96	48	48		6						
		060104Z2	汉语听说Ⅱ	B 类	6	96	48	48			6					
		060104Z3	汉语听说Ⅲ	B 类	4	64	32	32					4			
		060105Z0	中国文化体验	B 类	2	32	16	16		2						
		060106Z1	汉语综合Ⅰ	B 类	4	64	32	32		4						
		060106Z2	汉语综合Ⅱ	B 类	4	64	32	32			4					
		060106Z3	汉语综合Ⅲ	B 类	4	64	32	32				4				
		060106Z4	汉语综合Ⅳ	B 类	4	64	32	32					4			
		060107Z1	汉语读写Ⅰ	B 类	2	32	16	16			2					
		060107Z2	汉语读写Ⅱ	B 类	2	32	16	16					2			
		060108Z1	HSK 训练 A	B 类	6	96	48	48		6						
		060108Z2	HSK 训练 B	B 类	6	96	48	48			6					
		060108Z3	HSK 训练Ⅲ	B 类	4	64	32	32				4				

		课程编号	课程名称	类型	学分	总学时	理论	实践	考核方式						
		060108Z4	HSK 训练Ⅳ	B类	4	64	32	32					4		
		060109L0	中国概况	A类	2	32	32	0				2			
		060110Z0	中国书法	B类	2	32	16	16					2		
		000301Z1	大学体育Ⅰ	B类	2	32	4	28		2					
		000301Z2	大学体育Ⅱ	B类	2	32	4	28			2				
		030100Z0	信息技术基础	B类	2	32	14	18			2				
开课小计					77	1236	582	654		22	24	14	14	0	0
专业（群）基础课程	必修课程	030510L0	ICT 技术概要	B类	1	16	16	0	非笔试			1			
		030106ZB	程序设计基础	B类	4	64	46	18	笔试			4			
		030301ZC	Java 程序设计 B	B类	4	64	40	24	笔试				4		
		030511SB	计算机网络基础及应用	B类	2	32	32	0	非笔试				2		
		030125Z2	局域网设计与组建 B	C类	1.5	26	0	26	报告				1W		
		030329ZC	网页制作与网站设计（HTML5+CSS3）	B类	4	64	32	32	机试				4		
		030329S0	网页制作与网站设计课程设计	C类	1.5	26	0	26	报告				1W		
		030124ZA	数据结构	A类	2	32	24	8	笔试				2		
		030118L0	数据库原理及应用	B类	4	64	32	32	笔试					4	
		030127X0	Office 高级应用	B类	2	32	16	16	机试					2	
开课小计					26	420	238	182		0	0	5	12	6	0
专业（方向）课程	必修课程	030514Z1	计算组装与维护	B类	4	64	32	32	非笔试				4		
		030302SB	计算机折装与维护 B	C类	1.5	26	0	26	报告				1W		
		030125S0	数据库课程设计	C类	1.5	26	0	26	报告				1W		
		030304ZA	综合布线技术 B	B类	4	64	32	32	非笔试				4		

		课程代码	课程名称	类别	学分	总学时	讲课	实验	考核方式							备注
		030328ZA	图形图像处理A	B类	4	64	32	32	非笔试					4		
		030537ZA	云计算基础架构平台应用	A类	4	64	32	32	非笔试						4	
		030305ZA	Linux系统管理A	B类	4	64	38	26	非笔试						1W	
		030305S0	Linux系统管理实训	C类	1.5	26	0	26	非笔试						4	
		030303ZB	网络设备安装与配置B	B类	4	64	32	32	非笔试						1W	
		030303S0	网络设备安装与配置实训	C类	1.5	26	0	26	非笔试						4	
		030536ZA	网络存储与虚拟化技术	B类	4	64	32	32	非笔试						4	
开课小计					34	552	230	322	0	0	0	0	0	12	16	
设毕计业	必修课程	JW0301B0	毕业设计（论文）	C类	12	180	0	180	答辩					0	0	全校各专业（方向）相同
开课小计					12	180	0	180		0	0	0	0	0	0	
总计					149	2388	1050	1338	0	22	24	19	26	18	16	

Jiangsu Vocational College of Electronics and Information

Students Cultivation Plan

for Computer Application Technology Profession

（For Grade 2022 International Students）

Profession Code：610201L

Written by	LIU Chang-rong, SUN Baofeng
Translated by	BIAN Yue-fang
Verified by	YU Zheng-yong, LIAN Dong-chang
School Name	School of Computer and Communication, School of International Education
Formulation Date	March 2022

1. Profession (Code)

Computer Application Technology Profession（610201L）

2. College Entrance Requirements

Senior high school graduates or equivalent（International Standard Classification of Education（ISCED2011））

3. Years of Study

Three years

4. Professional Training Objectives

The profession objective is to cultivate the students with professional ethics, professional practice ability, Chinese listening, speaking, reading, writing and translating ability, relatively solid Chinese language communication ability, and to make the students have a certain degree of understanding of Chinese culture, pass HSK level 4 examination or reach the corresponding level, have certain Chinese foundation for professional course learning, and master the professional knowledge and technical skills, which can make the students become high-quality technical talents capable of working in website editing and operation and maintenance, database management and operation, PC operation and maintenance, network equipment operation and maintenance, as well as server operation and maintenance, especially for professional groups such as information system operation and maintenance, PC system operation and maintenance, and server operation and maintenance engineer in information technology service departments of enterprises and institutions.

5. Students Training Specification

5.1 Knowledge Objectives

5.1.1 To master Chinese pinyin and standard pronunciation and intonation;

5.1.2 To be able to read and write common Chinese characters correctly, and be able to discriminate basic parts of speech, synonyms and synonyms, etc.;

5.1.3 To master about 1000 most commonly used vocabulary and grammar knowledge related to vocabulary;

5.1.4 To understand certain national conditions and social culture of China;

5.1.5 To be able to use Windows operating system and Office software, etc.;

5.1.6 To master the basic knowledge of static and dynamic webpages, the production and design of static and dynamic webpages, as well as the development process and methods of website background;

5.1.7 To master the basic knowledge of graphic and image processing, and related knowledge of graphic design and beautification;

5.1.8 Master the basic concepts of database, database maintenance and management related knowledge;

5.1.9 To master computer hardware assembly and debugging techniques and methods;

5.1.10 To master the technology and methods of computer software system installation and debugging;

5.1.11 Master the knowledge of LAN construction, management and maintenance of small and medium-sized enterprises;

5.1.12 Master knowledge about Linux server operation and maintenance.

5.2 Capability Objectives

5.2.1 To be able to use modern Chinese for daily communication and read the professional Chinese materials;

5.2.2 To be able to use computer for Chinese input, editing and office

automation operation;

5.2.3 To have the ability to acquire and process information through different channels such as Chinese network and literature;

5.2.4 To have good communication and teamwork skills;

5.2.5 To be skilled in maintaining and repairing computer hardware;

5.2.6 To have ability to maintain server software and hardware system;

5.2.7 To have ability of network equipment installation and operation and maintenance;

5.2.8 To have the ability to build, manage and maintain LAN for small and medium-sized enterprises;

5.2.9 To have ability to maintain, back up and restore data and database;

5.2.10 To be able to plan and manage Web site;

5.2.11 To be able to operate, maintain and manage Linux server;

5.2.12 To be able to sell and serve IT product;

5.2.13 To have ability of engineering practice: including the following abilities such as personnel management, time management, technical management, process management.

5.3 Quality Objectives

5.3.1 To enable the students to have sound psychological quality, healthy physique and strong social adaptability;

5.3.2 To enable the students to have team cooperation, communication and coordination, interpersonal communication skills;

5.3.3 To enable the students to have certain ability of self-control, management and evaluation;

5.3.4 To enable the students to understand the economic, political, cultural and social development of contemporary China, and be able to participate in and promote friendly exchanges and cooperation between China and their host countries in relevant fields;

5.3.5 To enable the students to have quality awareness, environmental protection awareness, safety awareness, information literacy, artisan spirit and innovative thinking;

5.3.6 To enable the students to be aggressive and optimistic and to have self-management ability, awareness of career planning as well as strong collective awareness and teamwork spirit.

6. Curriculum System and Schedule

As per table attached: Curriculum System and Teaching Schedule

7. Class Periods and Credit Composition

Table 1 Periods, Credits Composition

Course Type	Credits	Percentage (Credits)	Periods	Periods for Practice
General Courses	77	51.68%	582	654
Profession Platform Courses	23. 5	15.77%	206	176
Professional and Technical Courses	36. 5	24.50%	278	312
Personalized Learning Courses	12	8.05%	0	180
In Total	149	100.00%	1066	1322

8. Implementation Conditions

8.1 Practical Teaching Conditions

No.	Name of Lab and Training Room	Functions	Size, Equipment and Basic Configuration Requirements of Sets
1	Computer disassembly laboratory	To Support the practical teaching of computer disassembly and maintenance, as well as the practical teaching of computer assembly and maintenance, data backup and recovery technology courses	More than 1 server, 45 computers, more than 10 routing devices, 20 switches, 2 ADSL routers

2	Lenovo Comprehensive Training Room	To Support training and teaching of notebook disassembly and maintenance To Support practical teaching of server hardware technology	20 notebooks of various models, 2 servers, 20 sets of maintenance tools, projectors, whiteboards
3	Network Engineering Training Room	To Meet server hardware technology, Linux system management, network equipment installation and configuration courses as well as practical teaching	More than 1 server, 45 computers, more than 10 routing devices, 20 switches, 2 ADSL routers
4	Comprehensive wiring training room	To Meet comprehensive wiring courses and practical teaching	2 sets of demonstration platforms, 25 sets of integrated wiring equipment

8.2 Faculty

8.2.1 Having a certain English foundation, and having the ability of bilingual teaching;

8.2.2 Having good quality of "double teachers" specializing in both theory and practice, and having professional qualification certificate or work experience;

8.2.3 Having rich experience in vocational education, especially the application of teaching methods such as task driving, role playing, group discussion, etc.;

8.2.4 Having professional ethics and communication skills.

8.3 Requirements for the Construction of Teaching Resources

8.3.1 The content conforms to the requirements of the curriculum outline. The teaching objectives are clear, and the materials are verified. The content also conforms to the rules of employment, and has strong logic, which is conducive to the construction of students' knowledge and ability. The use of media resources should be appropriate and interactive;

8.3.2 The content of the textbook reflects the idea of project oriented and task driven teaching mode, and the theoretical knowledge is based on the ability to complete the task;

8.3.3 Theoretical teaching resources are in the form of cases, so as to facilitate the implementation of the teaching methods of inspiration and guidance.

9. Graduation Conditions

9.1 At least HSK (Hanyu Shuiping Kaoshi) Certificate of level 4;
9.2 At least 140 credits;
9.3 To reach the national computer grade examination (Level 1) assessment standard.

Attached Table: Curriculum System and Teaching Schedule

Grade 2019 Computer Application Technology Profession Course Library

Course Module	Course Nature	Course Code	Course Name	Course type	Credits	Total Periods	Theory	Practice	Assessment method	1 19 W	2 19 W	3 19 W	4 19 W	5 19 W	6 19 W	Notes
Public Basic Course	Compulsory	060101S0	College Entrance Education and Cognitive Training	Type C	3	52	0	52		2W						
		060102Z0	Audiovisual Chinese	Type B	2	32	16	16					2			
		060103Z1	Practical Chinese I	Type B	2	32	16	16		2						
		060103Z2	Practical Chinese II	Type B	2	32	16	16			2					
		060104Z1	Chinese Listening and Speaking I	Type B	6	96	48	48		6						
		060104Z2	Chinese Listening and Speaking II	Type B	6	96	48	48			6					
		060104Z3	Chinese Listening and Speaking III	Type B	4	64	32	32				4				
		060105Z0	Chinese Culture Experience	Type B	2	32	16	16		2						
		060106Z1	Chinese Synthesis I	Type B	4	64	32	32		4						
		060106Z2	Chinese Synthesis II	Type B	4	64	32	32			4					
		060106Z3	Chinese Synthesis III	Type B	4	64	32	32				4				
		060106Z4	Chinese Synthesis IV	Type B	4	64	32	32					4			
		060107Z1	Chinese Reading and Writing I	Type B	2	32	16	16				2				
		060107Z2	Chinese Reading and Writing II	Type B	2	32	16	16					2			
		060108Z1	HSK Training A	Type B	6	96	48	48		6						

		Code	Course	Type	Credits	Total	Theory	Practice	Exam	1	2	3	4	5	6	
		060108Z2	HSK Training B	Type B	6	96	48	48			6					
		060108Z3	HSK Training III	Type B	4	64	32	32				4				
		060108Z4	HSK Training IV	Type B	4	64	32	32					4			
		060109L0	Introduction to China	Type A	2	32	32	0			2					
		060110Z0	Chinese Calligraphy	Type B	2	32	16	16					2			
		000301Z1	College Physical Education I	Type B	2	32	4	28		2						
		000301Z2	College Physical Education II	Type B	2	32	4	28			2					
		030100Z0	Basis of Information Technology	Type B	2	32	14	18			2					
class hours of subjects					77	1236	582	654		22	24	14	14	0	0	
Professional (group) basic courses	Compulsory	030510L0	ICT Technology Overview	Type B	1	16	16	0	Non-written exam			1				
		030106ZB	programing basic	Type B	4	64	46	18	written exam			4				
		030301ZC	Java Programming B	Type B	4	64	40	24	written exam				4			
		030511SB	Computer network foundation and application	Type B	2	32	32	0	Non-written exam				2			
		030125Z2	LAN Design and Formation B	Type C	1.5	26	0	26	Report				1W			
		030329ZC	Web page production and website design (HTML5 + CSS3)	Type B	4	64	32	32	Machine test				4			
		030329S0	Webpage design and website design course design	Type C	1.5	26	0	26	Report				1W			
		030124ZA	data structure	Type A	2	32	24	8	written exam				2			
		030118L0	Principle and application of database	Type B	4	64	32	32	written exam					4		
		030127X0	Office Advanced	Type B	2	32	16	16	Machine test					2		

Category		Code	Name	Type	Credits	Total hours	Lecture	Practice	Exam							Remarks
			Application													
class hours of subjects					**26**	**420**	**238**	**182**		**0**	**0**	**5**	**12**	**6**	**0**	
Professional (direction) basic courses		030514Z1	Computational assembly and maintenance	Type B	4	64	32	32	Non-written exam					4		
		030302SB	Computer Assembly and Maintenance B	Type C	1.5	26	0	26	Report					1W		
		030125S0	Database course design	Type C	1.5	26	0	26	Report					1W		
		030304ZA	Comprehensive wiring technology B	Type B	4	64	32	32	Non-written exam					4		
		030328ZA	Graphic image processing A	Type B	4	64	32	32	Non-written exam					4		
		030537ZA	Cloud computing infrastructure platform application	Type A	4	64	32	32	Non-written exam						4	
		030305ZA	Linux System Management A	Type B	4	64	38	26	Non-written exam						1W	
		030305S0	Linux system management training	Type C	1.5	26	0	26	Non-written exam						4	
		030303ZB	Network equipment installation and configuration B	Type B	4	64	32	32	Non-written exam						1W	
		030303S0	Network equipment installation and configuration training	Type C	1.5	26	0	26	Non-written exam						4	
		030536ZA	Network storage and virtualization technology	Type B	4	64	32	32	Non-written exam						4	
class hours of subjects					**34**	**552**	**230**	**322**	**0**	**0**	**0**	**0**	**0**	**12**	**16**	
Graduation Project	Compulsory	JW0301B0	Graduation project (Thesis)	Type C	12	180	0	180	Thesis Defense					0	0	the same to all majors(directions) of the school
class hours of subjects					**12**	**180**	**0**	**180**		**0**	**0**	**0**	**0**	**0**	**0**	
In total					**149**	**2388**	**1050**	**1338**	**0**	**22**	**24**	**19**	**26**	**18**	**16**	

江苏电子信息职业学院

软件技术专业人才培养方案

（适用于 2022 级留学生）

专业代码：610205L

执笔人	郭艾华、孙宝凤
审核人	于正永、廉东昌
所属学院	计算机与通信学院、国际教育学院
制定时间	2022 年 3 月

一、专业名称（专业代码）

软件技术专业（610205L）

二、入学要求

高中阶段教育毕业生或具有同等学力者（国际教育标准分类法（ISCED2011））

三、修业年限

3 年

四、专业培养目标

本专业培养具有良好职业道德和专业实践能力，具备一定的汉语听、说、读、写能力，具备较为扎实的汉语言交际能力，并对中国文化有一定程度的认识和了解，能够通过 HSK 四级考试或达到相应水平，具备开展专业课学习的一定汉语基础，掌握本专业知识和技术技能，面向软件和信息技术服务业的计算机软件工程技术人员、计算机程序设计员、计算机软件测试员、大数据工程技术人员等职业群，能够从事 web 前端开发、软件开发、软件测试、软件编码、软件技术支持、电子商务网站开发等工作的高素质技术技能人才。

五、人才培养规格

（一）知识目标

1. 掌握汉语拼音，掌握基本标准的发音和语调；

2. 能正确读写汉语常用字，能辨析基本词性、同义词和近义词等；

3. 掌握 1000 个最常用的词汇以及与词汇相关的语法知识 ；

4. 了解一定的中国国情和社会文化；

5. 熟练掌握和运用 Windows 操作系统，并精通 Office 等办公自

动化系列；

6. 具有信息基础、计算机组成与体系结构、操作系统基本知识，具有一定的网络知识；

7. 掌握程序设计的基础理论知识，掌握 C 语言程序设计基本知识、常见算法知识，掌握简单程序设计与调试方法；

8. 掌握数据库设计与应用的技术和方法，具有数据库基本知识，能对数据库进行配置管理，熟练掌握 SQL 语言；

9. 掌握面向对象程序设计的基础理论知识，掌握 Java 语言基础语法和面向对象编程的知识；

10. 掌握网页设计开发相关的 HTML、CSS 基础知识；

11. 握图形图像处理的相关知识和工具的使用技术；

12. 掌握使用 JavaScript 及其框架技术实现页面交互的相关知识；

13. 掌握 HTML5、CSS3 新特殊性实现移动弹性布局、解决浏览器兼容性问题的相关知识；

14. 掌握开发动态网页应用的 PHP 基础知识；

15. 掌握 Web 前端开发相关框架工具的使用方法；

16. 掌握软件测试技术和方法。

（二）能力目标

1. 能够运用现代汉语进行日常交际，能阅读本专业汉语资料；

2. 能使用电脑进行中文输入、编辑及办公自动化操作；

3. 具有通过中文网络、文献等不同途径获取信息并进行信息处理的能力；

4. 具有良好的沟通表达能力和团队协作能力；

5. 具有探究学习、终身学习、分析问题和解决问题的能力；

6. 具有良好的语言、文字表达能力和沟通能力；

7. 具备良好的团队合作与抗压能力；

8. 能够阅读并正确理解软件需求分析报告和项目建设方案的能力；

9. 具备计算机软硬件系统安装、调试、维护的实践能力；

10. 具备简单算法的分析与设计能力，并能用 C、Java、HTML5、JavaScript 等编程实现；

11. 具有数据库配置管理和使用 SQL 语言进行编程的能力；

12. 具有使用最新技术进行网页制作和开发 WEB 前端的能力，能够解决浏览器兼容性问题；

13. 具有互联网 WEB 前端交互设计开发能力；

14. 具备移动设备布局与响应式布局的设计开发能力；

15. 具有使用 PHP 开发基于 Web 应用软件的能力；

16. 具备软件测试能力。

（三）素质目标

1. 具有健全的心理素质和健康的体魄，有较强的社会适应性；

2. 具有团队合作、沟通协调、人际交往能力；

3. 具有一定的自我控制、管理及评价能力；

4. 了解当代中国经济、政治、文化和社会发展，能够参与并促进中国与其所在国之间相关领域友好交流与合作；

5. 具有质量意识、环保意识、安全意识、信息素养、工匠精神、创新思维；

6. 勇于奋斗、乐观向上，具有自我管理能力、职业生涯规划的意识，有较强的集体意识和团队合作精神。

六、课程体系及计划安排

见附表：课程体系及教学计划安排表

七、开课学时、学分构成

表 1 学时、学分构成表

课程类型	学分	学分百分比	学时	其中实践学时
公共基础课	77	51.85%	1236	654
专业（群）基础课程	25.5	17.17%	414	192
专业（方向）课程	34	22.90%	552	320
毕业设计	12	8.08%	180	180
总 计	148.5	100.00%	2382	1346

八、实施条件

（一）实践教学条件

序号	实验实训室名称	功 能	面积、设备、台套基本配置要求
1	Java 开发技能实训室	支持 Java 程序设计、MySQL 数据库、JSP 应用开发、Java EE 企业级应用开发、Java 开发方向项目化综合实训等课程的教学与实训。	室内面积 65 平方米 配备服务器和计算机（安装 MyEclipse、MySQL 等相关软件及开发工具）、投影设备、白板、桌椅 50 套等。
2	Web 前端开发技能实训室	支持网页制作、MySQL 数据库、JavaScript 及框架应用、PHP 应用开发、Bootstrap 应用开发、Web 前端开发方向项目化综合实训等课程的教学与实训。	室内面积 65 平方米 配备服务器和 50 台计算机（安装 Photoshop、MySQL、Bootstrap 等相关软件及开发工具）、投影设备、白板、桌椅 50 套等。
3	软件技术专业基础实验室	支持程序设计基础、Java 程序设计、MySQL 数据库、网页制作与网站设计等课程的教学与实训	5 个室内面积 60 平方米 配备服务器（安装 C 语言、Photoshop、MySQL 等相关软件及开发工具）、投影设备、白板、计算机桌椅 50 套等。

（二）师资队伍

1.具有一定的英语基础，能够满足双语授课的能力；

2.具备良好的双师素质，具有相关专业职业资格证书或者企业

工作经历；

3. 具有较丰富的职业教育经验，特别是适用于留学生学习特点的任务驱动、角色扮演、小组讨论等教学方法的运用；

4. 具备良好的职业道德和沟通协调能力。

（三）教学资源建设要求

1. 内容符合课程大纲要求，教学目标明确，取材核实；符合任职规律，逻辑性强，有利于学生知识和能力的构建；媒体资源使用恰当，互动性好；

2. 教材内容要体现项目导向、任务驱动教学模式的思想，理论知识能完成工作任务为依据；

3. 理论授课资源尽量采用案例等形式，以便于实施启发引导的教学方法。

九、毕业条件

1. 取得汉语 HSK4 证书；

2. 修满 140 学分；

3. 达到全国计算机等级考试（一级）考核标准。

附表：课程体系及教学计划安排表

课程模块	课程性质	课程代码	开设课程名称	课程类型	学分	学时	理论	实践	考核方式	1 19周	2 19周	3 19周	4 19周	5 19周	6 19周	备注
公共基础课	必修课程	060101S1	入学教育与认知实训	C 类	3	52	0	52		2W						
		060102Z1	汉语视听说	B 类	2	32	16	16					2			
		060103Z1	实用汉语 I	B 类	2	32	16	16		2						
		060103Z2	实用汉语 II	B 类	2	32	16	16			2					
		060104Z1	汉语听说 I	B 类	6	96	48	48		6						
		060104Z2	汉语听说 II	B 类	6	96	48	48			6					
		060104Z3	汉语听说III	B 类	4	64	32	32					4			
		060105Z0	中国文化体验	B 类	2	32	16	16		2						
		060106Z5	汉语综合 A	B 类	4	64	32	32		4						
		060106Z6	汉语综合 B	B 类	4	64	32	32			4					
		060106Z3	汉语综合III	B 类	4	64	32	32				4				
		060106Z4	汉语综合IV	B 类	4	64	32	32					4			
		060107Z3	汉语读写 A	B 类	2	32	16	16				2				
		060107Z4	汉语读写 B	B 类	2	32	16	16					2			
		060108Z5	HSK 训练 A	B 类	6	96	48	48		6						
		060108Z6	HSK 训练 B	B 类	6	96	48	48			6					
		060108Z3	HSK 训练III	B 类	4	64	32	32				4				
		060108Z4	HSK 训练IV	B 类	4	64	32	32					4			

课程类别	课程性质	课程代码	课程名称	类别	学分	学时	理论	实践	考核方式						
		060109L0	中国概况	A类	2	32	32	0				2			
		060110Z0	中国书法	B类	2	32	16	16					2		
		000301Z1	大学体育Ⅰ	B类	2	32	4	28		2					
		000301Z2	大学体育Ⅱ	B类	2	32	4	28			2				
		030100Z0	信息技术基础	B类	2	32	14	18			2				
开课小计					77	1236	582	654		22	24	14	14	0	0
专业（群）基础课程	必修课程	030510L0	ICT 技术概述	B类	1	16	16	0	非笔试			1			
		030106ZB	程序设计基础	B类	4	64	46	18	笔试			4			
		030301ZC	Java 程序设计 B	B类	4	64	40	24	笔试				4		
		030511SB	计算机网络基础及应用	B类	2	32	32	0	非笔试				2		
		030302SB	计算机折装与维护 B	C类	1.5	26	0	26	报告				1W		
		030125Z2	局域网设计与组建 B	C类	1.5	26	0	26	报告				1W		
		030329ZC	网页制作与网站设计课程设计	C类	1.5	26	0	26	报告				1W		
		030329S0	网页制作与网站设计 C	B类	4	64	32	32	笔试				4		
		030124ZA	数据结构	A类	2	32	24	8	笔试				2		
		030127X0	Office 高级应用	B类	2	32	16	16	机试					2	
		030305X0	Linux 操作系统应用	B类	2	32	16	16	报告					2	
开课小计					25.5	414	222	192		0	0	5	12	4	0
专业（方向）课程	必修课程	030125Z2	数据库原理及应用	B类	4	64	32	32	非笔试				4		
		030330ZC	图形图像处理 A	B类	4	64	32	32	非笔试				4		
		030331ZC	JavaScript 及框架应用	B类	4	64	32	32	非笔试				4		
		030125S0	数据库课程设计	C类	1.5	26		26	非笔试				1W		

		课程编号	课程名称	类别	学分	总学时	讲授	实践	考核方式							备注
		030129S0	JavaScript 及框架应用实训	C类	1.5	26		26	非笔试					1W		
		030332Z0	PHP 应用开发	B类	4	64	32	32	非笔试						4	
		030538ZA	HTML5 移动开发	B类	4	64	32	32	非笔试						4	
		030332S0	PHP 应用开发实训	C类	1.5	26		26	报告						1W	
		030338S0	HTML5 移动开发实训	C类	1.5	26		26	报告						1W	
		000001X0	IT 行业文化	A类	2	32	16	16	报告						2	
		030129X0	JavaScript 移动开发	B类	2	32	16	16	非笔试						2	
		030126Z0	软件测试基础	B类	4	64	40	24	笔试						4	
开课小计					34	552	232	320		0	0	0	0	12	14	
设毕计业	必修课程	JW0301B0	毕业设计（论文）	C类	12	180	0	180	答辩							12W
开课小计					12	180	0	180		0	0	0	0	0	0	
总计					149	2382	1036	1346	0	22	24	19	26	16	14	

Jiangsu Vocational College of Electronics and Information

Students Cultivation Plan for Software Technology Profession

（For Grade 2022 International Students）

Profession Code：610205L

Written by	GUO Ai-hua, SUN Baofeng
Translated by	HOU Wei-zheng
Verified by	YU Zheng-yong, LIAN Dong-chang
School Name	School of Computer and Communication, School of International Education
Formulation Date	March 2022

1. Profession (Code)

Software Technology Profession （610205L）

2. College Entrance Requirements

Senior high school graduates or equivalent（International Standard Classification of Education（ISCED2011））

3. Years of Study

Three years

4. Professional Training Objectives

The profession objective is to cultivate the students with professional ethics, professional practice ability, Chinese listening, speaking, reading, writing and translating ability, relatively solid Chinese language communication ability, and to make the students have a certain degree of understanding of Chinese culture, to pass HSK level 4 examination or reach the corresponding level and have certain Chinese foundation for professional course learning. The students should master the professional knowledge and technical skills for professional groups such as computer software engineering technicians, computer program designers, computer software testers, and big data engineering technicians for software and information technology service industry. High quality technical personnel should be engaged in Web front-end development, software development, software testing, software coding, software technical support, e-commerce website development, etc.

5. Students Training Specification

5.1 Knowledge Objectives

5.1.1 To master Chinese pinyin and standard pronunciation and intonation;

5.1.2 To be able to read and write common Chinese characters correctly, and be able to discriminate basic parts of speech, synonyms , etc.;

5.1.3 To master about 1000 most commonly used vocabulary and grammar knowledge related to vocabulary;

5.1.4 To understand certain national conditions and social culture of China;

5.1.5 To be familiar with Windows operating system and office automation series;

5.1.6 To have basic knowledge of information, computer composition and architecture, operating system, and certain network knowledge;

5.1.7 To master the basic theoretical knowledge of programming, basic knowledge of C programming, common algorithm knowledge, and simple programming and debugging methods;

5.1.8 To master the technology and method of database design and application, have basic knowledge of database, be able to configure and manage the database, and master SQL language;

5.1.9 To master the basic theoretical knowledge of object-oriented programming, the basic syntax of Java language and the knowledge of object-oriented programming;

5.1.10 To master the basic knowledge of HTML and CSS related to web design and development;

5.1.11 To master the related knowledge of graphics and image processing and the use technology of tools;

5.1.12 To master the knowledge of using JavaScript and its framework technology to realize page interaction;

5.1.13 To master the relevant knowledge of HTML5 and CSS3's new particularity to realize mobile elastic layout and solve browser compatibility problems;

5.1.14 To master the PHP basic knowledge of developing dynamic web application;

5.1.15 To master the usage of Web front-end development related framework tools;

5.1.16 To master software testing technology and methods.

5.2 Capability Objectives

5.2.1 To be able to use modern Chinese for daily communication and read the professional Chinese materials;

5.2.2 To be able to use computer for Chinese input, editing and office automation operation;

5.2.3 To have the ability to acquire and process information through different channels such as Chinese network and literature;

5.2.4 To have good communication and team work skills;

5.2.5 To have the ability of inquiry learning, lifelong learning, problem analysis and problem solving;

5.2.6 To have good language and written expression ability and communication ability;

5.2.7 To have good team work and pressure resistance;

5.2.8 To be able to read and correctly understand software requirement analysis report and project construction plan;

5.2.9 To have the practical ability of computer hardware and software system installation, debugging and maintenance;

5.2.10 To have the ability to analyze and design simple algorithms, and be able to use C, Java, HTML5, JavaScript and other programming implementation;

5.2.11 To have the ability of database configuration management and programming with SQL language;

5.2.12 To have the ability to use the latest technology to make web pages and develop web front-end, and be able to solve browser compatibility problems;

5.2.13 To have the ability of interactive design and development of Internet web front-end;

5.2.14 To be able to design and develop mobile device layout and responsive layout;

5.2.15 To have the ability to develop web-based application software using PHP;

5.2.16 To have software testing ability.

5.3 Quality Objectives

5.3.1 To enable the students to have sound psychological quality, healthy physique and strong social adaptability;

5.3.2 To enable the students to have team cooperation, communication and coordination, interpersonal communication skills;

5.3.3 To enable the students to have certain ability of self-control, management and evaluation;

5.3.4 To enable the students to understand the economic, political, cultural and social development of contemporary China, and be able to participate in and promote friendly exchanges and cooperation between China and their host countries in relevant fields;

5.3.5 To have quality awareness, environmental protection awareness, safety awareness, information literacy, craftsman spirit and innovative thinking;

5.3.6 To have the courage to struggle, optimism, self-management ability, awareness of career planning, strong collective awareness and team spirit.

6. Curriculum System and Schedule

As per table attached: Curriculum System and Teaching Schedule

7. Class Periods and Credit Composition

Table 1 Periods, Credits Composition

Course Type	Credits	Percentage (Credits)	Periods	Periods for Practice
General Courses	77	51.85%	1236	654
Profession Platform Courses	25.5	17.17%	414	192
Professional and Technical Courses	34	22.90%	552	320
Personalized Learning Courses	12	8.08%	180	180
In Total	148. 5	100.00%	2382	1346

8. Implementation Conditions

8.1 Practical Teaching Conditions

No.	Name of Lab and Training Room	Functions	Size, Equipment and Basic Configuration Requirements of Sets
1	Java Development Skills Training Room	To Support Java program design, MySQL database, JSP application development, enterprise level application development, Java development direction project integrated training and other courses teaching and practical training.	Indoor area of 65 square meters equipped with servers and computers (installation MyEclipse、MySQL and other related software and development tools), projection equipment, whiteboard, table and chair 50 sets.
2	Web Front-end Development Skills Training Room	To Support web page making, MySQL database, JavaScript and frame application, PHP application development, Bootstrap application development, front-end development direction project integrated training and other courses teaching and practical training.	five indoor area of 60 square meters equipped with server (installation C language, Photoshop、MySQL and other related software and development tools), projection equipment, whiteboard, computer desk and chair 50 sets.
3	Basic Laboratory of Software Technology	To Support program design foundation, Java program design, MySQL database, web page production and website design courses teaching and practical training.	five indoor area of 60 square meters equipped with server (installation C language, Photoshop、MySQL and other related software and development tools), projection equipment, whiteboard, computer desk and chair 50 sets.

8.2 Faculty

8.2.1 Having a certain English foundation, and having the ability of bilingual teaching;

8.2.2 Having double qualified teachers specializing in both theory and practice, and having professional qualification certificate or work experience;

8.2.3 Having rich experience in vocational education, especially the application of teaching methods such as task driving, role playing, group discussion, etc.;

8.2.4 Having professional ethics and communication skills.

8.3 Requirements for the Construction of Teaching Resources

8.3.1 The content conforms to the requirements of the curriculum

outline. The teaching objectives are clear, and the materials are verified. The content also conforms to the rules of employment, and has strong logic, which is conducive to the construction of students' knowledge and ability. The use of media resources should be appropriate and interactive;

8.3.2 The content of the textbook reflects the idea of project oriented and task driven teaching mode, and the theoretical knowledge is based on the ability to complete the task;

8.3.3 Theoretical teaching resources are in the form of cases, so as to facilitate the implementation of the teaching methods of inspiration and guidance.

9. Graduation Conditions

9.1 At least HSK (Hanyu Shuiping Kaoshi) Certificate of level 4;

9.2 At least 140 credits;

9.3 To reach the national computer grade examination (Level 1) assessment standard.

Attached Table: Curriculum System and Teaching Schedule

Course Module	Course Nature	Course Code	Course Name	Course Type	Credits	Periods	Periods Arrangement Theory	Periods Arrangement Practice	Assessment method	1 (19)	2 (19)	3 (19)	4 (19)	5 (19)	6 (19)	Remarks
Public Basic Courses	Compulsory courses	060101S1	Entrance education and cognitive training	C	3	52	0	52		2W						
		060102Z1	Chinese Audio-visual-oral	B	2	32	16	16					2			
		060103Z1	Practical Chinese I	B	2	32	16	16		2						
		060103Z2	Practical Chinese II	B	2	32	16	16			2					
		060104Z1	Chinese Listening and Speaking I	B	6	96	48	48		6						
		060104Z2	Chinese Listening and Speaking II	B	6	96	48	48			6					
		060104Z3	Chinese Listening and Speaking III	B	4	64	32	32				4				
		060105Z0	Chinese Culture Experience	B	2	32	16	16		2						
		060106Z5	Chinese Synthesis A	B	4	64	32	32		4						
		060106Z6	Chinese Synthesis B	B	4	64	32	32			4					
		060106Z3	Chinese Synthesis III	B	4	64	32	32				4				
		060106Z4	Chinese Synthesis IV	B	4	64	32	32					4			
		060107Z3	Chinese Reading and Writing A	B	2	32	16	16				2				
		060107Z4	Chinese Reading and Writing B	B	2	32	16	16					2			
		060108Z5	HSK Training A	B	6	96	48	48		6						
		060108Z6	HSK Training B	B	6	96	48	48			6					
		060108Z3	HSK Training III	B	4	64	32	32				4				

		Code	Course	Type	Credit	Total	Lecture	Practice	Exam						
		060108Z4	HSK Training IV	B	4	64	32	32					4		
		060109L0	Introduction to China	A	2	32	32	0				2			
		060110Z0	Chinese Calligraphy	B	2	32	16	16					2		
		000301Z1	College Physical Education I	B	2	32	4	28		2					
		000301Z2	College Physical Education II	B	2	32	4	28			2				
		030100Z0	Basis of Information Technology	B	2	32	14	18			2				
In Total					**77**	**1236**	**582**	**654**		**22**	**24**	**14**	**14**	**0**	**0**
Basic Courses of Profession (Group)	Compulsory courses	030510L0	ICT Technology Overview	B	1	16	16	0	Non written examination			1			
		030106ZB	Fundamentals of Programming	B	4	64	46	18	Written examination			4			
		030301ZC	Java programming B	B	4	64	40	24	Written examination				4		
		030511SB	Computer Networks Basis and Application	B	2	32	32	0	Non written examination				2		
		030302SB	Computer Folding and Maintenance B	C	1.5	26	0	26	Report				1W		
		030125Z2	LAN Design and Construction B	C	1.5	26	0	26	Report				1W		
		030329ZC	Webpage Making and Website Design Course Design	C	1.5	26	0	26	Report				1W		
		030329S0	Webpage Making and Website Design C	B	4	64	32	32	Written examination				4		
		030124ZA	Data Structure	A	2	32	24	8	Written examination				2		
		030127X0	Office Advanced Applications	B	2	32	16	16	Computer test					2	
		030305X0	Linux Operating System Applications	B	2	32	16	16	Report					2	
In Total					**25.5**	**414**	**222**	**192**		**0**	**0**	**5**	**12**	**4**	**0**

Profession (Direction) Courses	Compulsory courses	Code	Course		Credits				Assessment						
		030125Z2	Database Principles and Applications	B	4	64	32	32	Non written examination					4	
		030330ZC	Graphic Image Processing A	B	4	64	32	32	Non written examination					4	
		030331ZC	JavaScript and Framework Applications	B	4	64	32	32	Non written examination					4	
		030125S0	Database Course Design	C	1.5	26		26	Non written examination					1W	
		030129S0	JavaScript and Framework Applications Training	C	1.5	26		26	Non written examination					1W	
		030332Z0	PHP Application Development	B	4	64	32	32	Non written examination						4
		030538ZA	HTML5 Mobile Development	B	4	64	32	32	Non written examination						4
		030332S0	PHP Application Development Training	C	1.5	26		26	Report						1W
		030338S0	HTML5 Mobile Development Training	C	1.5	26		26	Report						1W
		000001X0	IT Industry Culture	A	2	32	16	16	Report						2
		030129X0	JavaScript Mobile Development	B	2	32	16	16	Non written examination						2
		030126Z0	Fundamentals of Software Testing	B	4	64	40	24	Written examination						4
In Total					**34**	**552**	**232**	**320**		**0**	**0**	**0**	**0**	**12**	**14**
Graduation Project	Compulsory courses	JW0301B0	Graduation Project (Thesis)	C	12	180	0	180	Defense						12W
In Total					**12**	**180**	**0**	**180**		**0**	**0**	**0**	**0**	**0**	**0**
In Total					**149**	**2382**	**1036**	**1346**	**0**	**22**	**24**	**19**	**26**	**16**	**14**